

=> D HIST

FILE 'HOME' ENTERED AT 10:55:32 ON 14 DEC 2001

FILE 'CAPLUS, MEDLINE, EMBASE' ENTERED AT 10:55:40 ON 14 DEC 2001

L1 27049 S MAMMOGRAPH?  
L2 70867 S CONTRAST(3A) (MEDIUM OR MEDIA OR AGENT?)  
L3 403 S L1 AND L2  
L4 44 S (CONTRAST(3A) (MEDIUM OR MEDIA OR AGENT?)) (10A) MAMMOGRAPH?  
L5 32 DUP REM L4 (12 DUPLICATES REMOVED)

FILE 'STNGUIDE' ENTERED AT 11:02:53 ON 14 DEC 2001

=>

L5 ANSWER 29 OF 32 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.  
AB Contrast **mammography** was performed in 27 women patients by  
injecting the **contrast media** ('Conray' 280) into the  
duct. Various types of the cases were studied; intraductal papilloma,  
showed filling defects. Three cases of proximal dilated duct examined  
showed marked irregularity of the duct with dilatation. In cases of ductal  
ectasia (4 cases), there was marked dilatation of the duct without any  
irregularity and filling defects. The cases of fibroadenoma (4 cases),  
carcinoma (2 cases) and sarcoma (1 case) showed displacement and pressure  
over the ductal system. The results observed were analyzed and discussed  
with the modern literature available. The significance of the observation  
is emphasized with the surgical and histopathological findings.

AN 78349966 EMBASE  
DN 1978349966  
TI Contrast mammography in patients with nipple discharge.  
AU Jaiswal T.B.L.; Mathur K.C.; Halder P.K.  
CS JK Inst. Radiol., Kanpur, India  
SO Indian Journal of Radiology, (1977) 31/4 (314-319).  
CODEN: IJRAAY  
CY India  
DT Journal  
FS 037 Drug Literature Index  
014 Radiology  
016 Cancer  
009 Surgery  
LA English

=>

DOCUMENT-IDENTIFIER: US 5844965 A

TITLE: Method and apparatus for using film density measurements of a radiograph to monitor the reproducibility of X-ray exposure parameters of a mammography unit

BSPR:

The inventor of the subject matter herein claimed and disclosed has recognized a need in the art to standardize image quality of breast specimen radiographs and autoradiographs. In the mammographic imaging of the intact breast, one of the factors limiting the accuracy of mammographic diagnosis is poor radiographic contrast between cancerous and non-cancerous tissue.

Efforts to increase contrast include the use of contrast agents that can be administered before mammography. Desirable characteristics of such agents are that they be non-toxic and have a preferential affinity for the cancer tissue.

If the agent has a higher physical density or effective atomic number than breast tissue, its distribution in the breast can be imaged on film using x-rays.

File View Edit Tools Window Help

Drafts  
BRS:  
BRS:  
BRS: ("s,r" or "(sr "ls,3r") same (formoterol or foradil or eformot  
ISNR:  
ISNR:  
BRS:  
ISNR:  
BRS: 1 and 3  
BRS: 1 adn 3  
BRS:  
BRS: (vitaminS1 or ascorbS or tocopheryl or tocopherol) same thicke  
ISNR:  
BRS:  
ISNR:  
Pending  
Active  
L1: (1417) mammoGraS  
L2: (264) mammoGraS same contrast  
L3: (1464) 424/9.3-9.5.ccls.  
L4: (3) 1 and 3  
L5: (21) ((contrast) nearS (agentS1 or media or medium)) same mammo  
Failed  
Saved  
Favorites  
Tagged  
UDC  
Queue  
Trash

US-PAT-NO: 5844965  
DOCUMENT-IDENTIFIER: US 5844965 A  
TITLE: Method and apparatus for using film density measurements of a radiograph to monitor the reproducibility of X-ray exposure parameters of a mammography unit  
DATE-ISSUED: December 1, 1998  
US-CL-CURRENT: 378/207  
APPL-NO: 8/ 968792  
DATE FILED: October 27, 1997  
PARENT-CASE:  
RELATED APPLICATIONS This is a continuation, of application Ser. No. 08/566,587, filed Nov. 30, 1995 now abandoned, which was a continuation-in-part of application Ser. No. 08/345,162 filed on Nov. 28, 1994, now U.S. Pat. No. 5,544,238 which was a continuation-in-part of application Ser. No. 08/101,950 filed Aug. 4, 1993, now U.S. Pat. No. 5,406,612, which was a divisional of application Ser. No. 07/787,849 filed Nov. 5, 1991, now U.S. Pat. No. 5,276,726, which was a continuation-in-part of application Ser. No. 07/441,567 dated Nov. 24, 1989, now U.S. Pat. No. 5,063,583.  
BSPR:  
The inventor of the subject matter herein claimed and disclosed has recognized a need in the art to standardize image quality of breast specimen radiographs and autoradiographs. In the mammographic imaging of the intact breast, one of the factors limiting the accuracy of mammographic diagnosis is poor radiographic contrast between cancerous and non-cancerous tissue. Efforts to increase contrast include the use of contrast agents that can be administered before mammography. Desirable characteristics of such agents are that they be non-toxic and have a preferential affinity for the cancer tissue. If the agent has a higher physical density or effective atomic number than breast tissue, its distribution in the breast can be imaged on film using x-rays.

	U	Document ID	Issue Date	Pages	Title	Current OR	Current XRef	Retrieval C	Inventor	S	C	P	B
5	<input type="checkbox"/>	US 5881126 A	19990309	16	Phase contrast X ray imaging system	378/36	378/145		Monose, Atsushi	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	<input type="checkbox"/>	US 5844965 A	19981201	24	Method and apparatus for using film density measurements of a radiograph	378/207			Golkin, Benjamin M.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	<input checked="" type="checkbox"/>	US 5678549 A	19971021	11	Stereotactic auxiliary attachment for a nuclear magnetic resonance	600/417	600/421 ; 600/425 ; 606/130		Heywang-Foebrunner, Sylvia et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	<input checked="" type="checkbox"/>	US 5561370 A	19961001	18	Artefact suppression in GRASE Mr imaging	324/309	324/307		Fuderer, Miha	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	<input checked="" type="checkbox"/>	US 5555885 A	19960917	26	Examination of breast tissue using time-resolved spectroscopy	600/431	600/475 ; 600/477		Chance, Britton	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	<input checked="" type="checkbox"/>	US 5428292 A	19950627	8	Pancake MRI magnet with modified imaging volume	324/319	335/296		Dorri, Bizhan et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Ready

NUM

BRB:  
T8NB.

A broad x-ray energy distribution (i.e., non-threshold  $\gamma$ -ray spectrum) is predicted.

 **IRS form**
 **IRS form**
 **IRS form**
 **IRS form**

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error	Definition	Err
1	BRS	L1	1458	(projection) near7 (mammogr\$ or radiograph\$ or radiolog\$ or x-ray or xray)	USPAT	2001/04/23 15:50				0
2	BRS	L2	3689	424/1.11-10.4.ccls.	USPAT	2001/04/23 15:52				0
3	BRS	L3	7	1 and 2	USPAT	2001/04/23 15:52				0
4	BRS	L4	2626	(projection) same (mammogr\$ or radiograph\$ or radiolog\$ or x-ray or xray)	USPAT	2001/04/23 15:57				0
5	BRS	L5	1450	1 and 4	USPAT	2001/04/23 15:54				0
6	BRS	L6	12	4 and 2	USPAT	2001/04/23 15:54				0
7	BRS	L7	5	6 not 3	USPAT	2001/04/23 15:54				0
8	BRS	L8	80	(projection) near7 breast\$1	USPAT	2001/04/23 15:56				0
9	BRS	L9	1	8 and 2	USPAT	2001/04/23 15:56				0
10	BRS	L10	181	(projection) same breast\$1	USPAT	2001/04/23 15:57				0
11	BRS	L11	1	10 and 2	USPAT	2001/04/23 15:57				0
12	BRS	L12	0	(projection near5 mammograph\$) same contrast	USPAT	2001/04/23 15:57				0
13	BRS	L13	217	(projection) same (mammogr\$ or radiograph\$ or radiolog\$ or x-ray or xray) same contrast	USPAT	2001/04/23 15:58				0
14	BRS	L14	31	(projection) near7 (mammogr\$ or radiograph\$ or radiolog\$ or x-ray or xray) same breast\$	USPAT	2001/04/23 15:59				0
15	BRS	L15	323691	contrast	USPAT	2001/04/23 15:59				0
16	BRS	L16	13	14 and 15	USPAT	2001/04/23 15:59				0



U	I	Document ID	Issue Date	Pages	Title	Current OR	Current XRef	Retrieval C	Inventor	S	C	P	3
1	<input type="checkbox"/>	US 6190334 B1	20010220	16	Method and apparatus for the 600/587 imaging of tissue				Lasky, Harold J. , et al.	P	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	<input type="checkbox"/>	US 6086866 A	20000711	26	Use of platelet-derived growth factor to improve collateral circulation	424/65.1	514/2		Kouri, Roger Khalil	P	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	<input type="checkbox"/>	US 5930325 A	19990727	17	Phase-contrast X-ray imaging 378/36 system		378/37		Monose, Atsushi	E	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	<input type="checkbox"/>	US 5899865 A	19990504		Localization of abnormal breast tissue using time-resolved spectroscopy	600/473	600/411 ; 600/427 ; 600/431		Chance, Britton	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	<input type="checkbox"/>	US 5881126 A	19990309		Phase contrast X ray imaging 378/36 system		378/145		Monose, Atsushi	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	<input type="checkbox"/>	US 5844965 A	19981201		Method and apparatus for using film density	378/207			Galkin, Benjamin M.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

 Drafts

 BRS form

 IS&R form

 Image

 Text

the following steps. A support that includes an input port and an output port

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Err
1	BRS	L1	261	mammograph\$ same contrast	USPAT	2001/12/14 10:42			0
2	BRS	L2	11	mammograph\$ same (contrast near3 agent\$1)	USPAT	2001/12/14 10:42			0